



PATENT  
Customer No. 22,852  
Attorney Docket No. 09286-0001-00000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
LAURENT OLIVIER	)	Group Art Unit: 1724
Application No.: 10/673,634	)	Examiner: Fred G. Prince
Filed: September 30, 2003	)	
For: AUTOTROPHIC SULFUR	)	
DENITRATION CHAMBER AND	)	
CALCIUM REACTOR	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits in the above-referenced application.

Copies of the listed foreign and non-patent literature documents are attached.

Copies of the U.S. patent publications are not enclosed.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

An English language abstract of Japanese Publication No.63-267424 is also enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

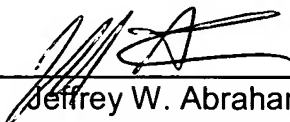
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any additional fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: January 6, 2005

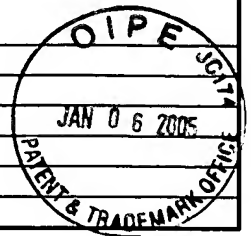
By:   
Jeffrey W. Abraham  
Reg. No. 54,710

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

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Examiner Name	Fred G. Prince
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Sheet	1	of	8
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**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		1,157,092	10/19/15	DU RELL	
		1,526,179	02/10/25	PARR et al.	
		3,271,304	09/06/66	VALDESPINO et al.	
		3,847,375	11/12/74	KUERTEN et al.	
		4,019,983	04/26/77	MANDT	
		4,097,026	06/27/78	HAINDL	
		4,210,534	07/01/80	MOLVAR	
		4,281,592	08/04/81	MAXSON et al.	
		4,333,263	06/08/82	ADEY	
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		4,820,052	04/11/89	KRYSEL	
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		6,146,531	11/14/00	MATHESON	
		6,159,364	12/12/00	HIRANE	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				<b>Complete if Known</b>	
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Sheet	2	of	8	<i>Attorney Docket Number</i>	09286-0001-00000

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		Patent Application Publication No. US 20020166593 A1	11/14/02	OLIVER	
		Patent Application Publication No. US 20040035770	2/26/04	EDWARDS, et al.	
		Patent Application Publication No. US 20040178132	9/16/04	NAKHLA, et al.	

**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP 63-267424	11/04/88	JAPAN		Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		Bulletin No. 491A, Model 46550 Tank Mixing Eductors for Improved In-tank Solution Circulation and Agitation, Spraying Systems Co. <sup>®</sup> , pp. 1-6, 2000.	
		Alkalinity Requirements and the Possibility of Simultaneous Heterotrophic Denitrification During Sulfur-utilizing Autotrophic Denitrification, pp. 1-2, 2000. Website Printout, Source: <a href="http://www.iwaponline.com/wst/04203/wst042030233.htm">http://www.iwaponline.com/wst/04203/wst042030233.htm</a> .	
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Sheet	3	of	8	<i>Attorney Docket Number</i>	09286-0001-00000

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Sheet 4 of 8

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Sheet	5	of	8	<i>Attorney Docket Number</i>	09286-0001-00000

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Sheet 6 of 8

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				<i>Filing Date</i>	September 30, 2003
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				<i>Art Unit</i>	1724
				<i>Examiner Name</i>	Fred G. Prince
Sheet	7	of	8	<i>Attorney Docket Number</i>	09286-0001-00000

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Sheet	8	of	8	<i>Attorney Docket Number</i>	09286-0001-00000

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Examiner Signature		Date Considered	
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